

Zero Day Prevention

BAE Systems Email Protection Services

Targeted and zero-day threat prevention. Protects any cloud and premise email platform

Sandbox-aware **malware** **defense**

Don't let malware sleep in your email sandbox

Sandboxes were introduced to defeat malware sent in emails by checking email payloads for malware **before** getting to users.

But this process is an incomplete way to detect malware since advanced cyber criminals can use new evasion techniques to beat detection. It is also **slow**, delaying email delivery.

BAE Systems' **instrumented browser defeats and outwits sandbox-aware malware** that has 'learned' it is in a sandbox.

We isolate and defeat sandbox-aware malware before it can deploy and evade detection - **delivering clean emails within seconds, not minutes.**

Targeted and phishing **attack** **prevention**

Protection from harmful email links

Over 77% of malware installations come from email, and just 10 malicious targeted emails guarantees a breach because of the effort cyber thieves take to make messages look so real - like they have come from a reliable source.

BAE Systems detects and prevents advanced threats before they happen.

Website links are safe and clean with Zero Day Prevention.

Zero Day Prevention combines both static- and dynamic-analysis engines with immediate detect and block capabilities for complete protection against malicious links.

BAE Systems provides a complete portfolio of email **security** solutions.

We are better able to **identify, understand, and effectively defend** against the professional hackers currently assaulting the IT infrastructure of corporations.

Benefits of Zero Day Prevention

Protects vulnerable business email from advanced threats

- Provides the most effective protection against unknown malware in spear phishing attacks and zero-day exploits.
- Helps protect companies from reputational damage and intellectual property theft from cyber criminals.
- Protects all third-party cloud and on-premise email, including Google and Office 365.

Succeeds where typical sandbox detection fails

- Deployed directly in-line with mail flow. Advanced static analysis detection capabilities are more accurate and execute faster than out-of-band sandboxing.
- Performs granular analysis within the browser process itself using instrumented browser technology to detect and defeat environmentally-aware malware.
- Identifies zero-day malware before it can deploy and evade detection – with rapid detection, containment, and response.

Pure cloud solution for security, affordability and ease of use

- Nearly impossible to reverse engineer the way appliance-based detection can be compromised by hackers.
- Offers predictable monthly costs. No hardware or software to purchase or manage.
- Fast and effortless activation. No migration or integration is required.

BAE Systems Email Protection Services solution

BAE Systems delivers a complete, fully integrated suite of email security solutions, including:

- **Zero Day Prevention:** Defends against targeted attacks, zero-day exploits, and more
- **Insider Threat Prevention:** Content-aware policies comparable to enterprise-class DLP
- **Email Data Loss Prevention (DLP):** Best-in-class content filtering and DLP rule sets
- **Email Security (AV/AS):** Advanced, multi-engine anti-spam and anti-virus solution
- **Email Encryption:** Intuitive policy-based and user-level message encryption
- **Email Compliance Archiving:** Comprehensive eDiscovery, archiving, and mobile archive access
- **Email Continuity:** Always available email access and usage – even when email server is down

BAE Systems, 265 Franklin Street, Boston, MA 02110, USA

T: +1 (617) 737 4170

E: learn@baesystems.com | W: baesystems.com/businessdefense

 [linkedin.com/company/baesystemsai](https://www.linkedin.com/company/baesystemsai)

 twitter.com/baesystems_ai